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| SUBSTITUTE FORM PTO-1390<br>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE<br>(REV 01-99)<br><b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>         DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>         CONCERNING A FILING UNDER 35 U.S.C. 371</b>  |  | ATTORNEY'S DOCKET NUMBER<br>1876.009US1  |
|  |  | U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br><b>10/560158</b><br>UNKNOWN |
| INTERNATIONAL APPLICATION NO.<br><b>PCT/SE2004/001032</b>  | INTERNATIONAL FILING<br>DATE: <b>June 24, 2004</b> | PRIORITY DATE CLAIMED<br><b>June 24, 2003</b>                                  |
| TITLE OF INVENTION : A PHOTO RADIATION INTENSITY SENSOR AND CALIBRATION METHOD THEREOF   |  |  |
| APPLICANT(S) FOR DO/EO/US : Arvydas Antanas Maldziunas   |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |  |  |
| 1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.<br>2. This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.<br>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).<br>4. The US has been elected by the expiration of 19 months from the priority date (Article 31).<br>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))<br>a. is transmitted herewith (required only if not transmitted by the International Bureau).<br>b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau.<br>c. is not required, as the application was filed in the United States Receiving Office (RO/US).  |  |  |
| 6. A translation of the International Application in to English (35 U.S.C. 371(c)(2))<br>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).<br>a. are transmitted herewith (required only if not transmitted by the International Bureau).<br>b. have been transmitted by the International Bureau.<br>c. have not been made; however, the time limit for making such amendments has NOT expired.<br>d. <input checked="" type="checkbox"/> have not been made and will not be made.   |  |  |
| 8. A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).<br>9. A SIGNED oath or declaration of the inventor(s) (35 U.S.C. 371(c)).<br>10. A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).   |  |  |
| <b>Items 11. to 16. below concern document(s) or information included:</b>   |  |  |
| 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98 (2 pgs.), with Form 1449 (1 pg.), Copies of 6 cited documents and a Copy of the International Search Report.<br>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.<br>13. <input checked="" type="checkbox"/> A FIRST preliminary amendment (9 pages).<br>14. A substitute specification ( ____ pgs), with ____ sheets of original drawings, and a marked-up version of the substitute specification ( ____ pgs).<br>15. A change of power of attorney and/or address letter.<br>16. <input checked="" type="checkbox"/> International Patent Application No. PCT/SE2004/001032 A1 (29 pgs.).<br>Declaration of Inventorship (1 pg.)<br>PCT International Search Report (4 pgs.).<br>PCT Written Opinion of the International Preliminary Examining Authority (6 pgs.).<br>PCT International Preliminary Report on Patentability (11 pgs.).<br>Notification Concerning Submission or Transmittal of Priority Document (1 pg.).<br>Notification of Receipt of Demand by Competent International Preliminary Examining Authority (1 pg.).<br>Drawings (13 sheets).<br>PCT Request (3 pgs.). |  |  |

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| U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br>Unknown <b>10/360158</b> | INTERNATIONAL APPLICATION NO.<br><b>PCT/SE2004/001032</b> | ATTORNEY'S DOCKET NUMBER<br><b>1876.009US1</b> |
|---|---|--|

17. ☒ The following fees are submitted:**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):**

Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO **\$1,080.00**

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO **\$920.00**

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO **\$770.00**

International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) **\$730.00**

International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4)

**\$100.00****ENTER APPROPRIATE BASIC FEE AMOUNT****CALCULATIONS PTO USE ONLY****\$ 1080.00**

Surcharge of **\$130.00** for furnishing the oath or declaration later than    20    30 months from the earliest claimed priority date (37 CFR 1.492(e)).

**\$**

| CLAIMS                                      | NUMBER FILED | NUMBER EXTRA | RATE              |                  |
|---|--------------|--------------|-------------------|------------------|
| Total claims                                | 21 - 20 =    | 1            | X <b>\$100.00</b> | <b>\$ 100.00</b> |
| Independent claims                          | 3 - 3 =      | 0            | X <b>\$200.00</b> | <b>\$ 0.00</b>   |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) |              |              | + <b>\$360.00</b> | <b>\$</b>        |

**TOTAL OF ABOVE CALCULATIONS****\$ 1,180.00**

Reduction of 1/2 for filing by small entity, if applicable.

**\$****SUBTOTAL****\$ 1,180.00**

Processing fee of **\$130.00** for furnishing the English translation later than    20    30 months from the earliest claimed priority date (37 CFR 1.492(f)).

**\$****TOTAL NATIONAL FEE****\$ 1,180.00**

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). **\$40.00** per property.

**\$****TOTAL FEES ENCLOSED****\$ 1,180.00****Amount to be:****refunded \$****charged \$ 1,180.00**

- a. Check in the amount of \$40.00 to cover the above fee for the Assignment Recordation is enclosed.
- b. ☒ Authorization to charge to Deposit Account No. 19-0743 in the amount of \$1,180.00 to cover the above fee for the filing fee.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-0743.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402

SIGNATURE

NAME: Timothy B. Clise

REGISTRATION NUMBER: 40,957



10/560158  
12-12-05  
IAP4 Rec'd PCT/PTO 09 DEC 2005  
PCT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of: Arvydas Antanas Maldziunas

Title: PHOTO RADIATION INTENSITY SENSOR AND CALIBRATION METHOD THEREOF

Attorney Docket No.: 1876.009US1

Customer No.: 21186

**PATENT APPLICATION TRANSMITTAL**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

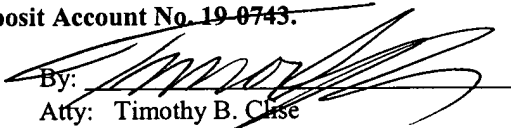
We are transmitting herewith the following attached items and information (as indicated with an "X"):

- ☒ A Transmittal Letter to the DO/EO/US (and duplicate copy thereof) concerning a PCT – U.S. National Stage filing under 35 U.S.C. § 371.
- ☒ Copy of International Application No. PCT/SE2004/001032 A1 as published (29 pgs., including 20 claims)
- ☒ Drawings (13 sheets).
- ☒ Incorporation by Reference: *The entire disclosure of the prior application, Sweden Application No. 0301857.9 filed June 24, 2003 and PCT/SE2004/001032, filed June 24, 2004 and published as WO 2004/113853 A1 on December 29, 2004, are considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.*
- ☒ Authorization to charge to Deposit Account No. 19-0743 in the amount of \$1,180.00 to pay the filing fee.
- ☒ Information Disclosure Statement (2 pgs), Form 1449 (1 pgs) and copies of 6 document; and a copy of the International Search Report dated September 28, 2004.
- ☒ Declaration of Inventorship (1 pg.)
- ☒ PCT International Search Report (4 pgs.).
- ☒ PCT Written Opinion of the International Preliminary Examining Authority (6 pgs.).
- ☒ PCT International Preliminary Report on Patentability (11 pgs.).
- ☒ Notification Concerning Submission or Transmittal of Priority Document (1 pg.).
- ☒ Notification of Receipt of Demand by Competent International Preliminary Examining Authority (1 pg.).
- ☒ PCT Request (3 pgs.).
- ☒ Preliminary Amendment (9 pgs.).
- ☒ Return postcard.

**Please charge any additional required fees or credit overpayment to Deposit Account No. 19-0743.**

**SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.**

Customer Number: 21186

By:   
Atty: Timothy B. Chase  
Reg. No. 40,957

"Express Mail" mailing label number: EV 553 988 355 US

Date of Deposit: December 9, 2005

This paper or fee is being deposited on the date indicated above with the United States Postal Service pursuant to 37 CFR 1.10, and is addressed to The Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.